



PROGRAM
EXECUTIVE
OFFICE
SOLDIER

Project Manager Soldier Weapons
Product Manager Crew Served Weapons

<http://www.peosoldier.army.mil>

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Specifications

- **Caliber:** .50 caliber (12.7mm)
- **Automatic**
- **Weight:**
 - 45 pounds
 - 70 pounds with ground mount (eventual requirement of 65 pounds)
- **Length:**
 - 56.7" charged,
 - 64.5" uncharged
- **Effective range:** 2,000 meters
- **Cycle rate:** 250-260 rounds per minute
- **Rapid rate:** 100 rounds per minute with 1 minute cooling (3X)
- **Sustained rate:** 40 rounds per minutes; 10 Minutes per barrel
- **MIL-STD-1913 Rail:**
 - Mounts accessories and optics
 - Back up iron sight
- **Operation:** Recoil operated
- **Ground Mount:**
 - Lightweight, 25 pounds
 - Stable without ballast
 - Height adjustable
- **T&E Controls:**
 - Rapid acquisition
 - 1 mil fine adjust
- **Ammunition:**
 - All .50 caliber ammunition types
 - M9 linked belt
 - M2A1 can - 100 rounds

Program Status

The XM806 is undergoing testing for future fielding.

XM806 LIGHTWEIGHT .50 CALIBER MACHINE GUN



XM806 Lightweight .50 Caliber Machine Gun Provides vehicle and weapon squads with a lightweight .50 caliber weapon system that is easily dismounted from vehicles for ground mount applications.

The XM806 Lightweight .50 Caliber Machine Gun is a lightweight variant of the M2 .50 Caliber Machine Gun. Weighing less than 70 pounds with tripod, the XM806 weighs approximately one-half as much as a similarly configured M2 and reduces the recoil by at least 60 percent. This lighter weight permits easy dismount and ground transportability when necessary, and the reduced recoil permits the mounting of an optic for greater lethality through increased first-burst accuracy and control. The requirement is to eventually reduce the weight to 65 pounds.

The XM806 can fire all of the .50 caliber ammunition in the current inventory and is capable of defeating personnel and lightly armored targets out to 2,000 meters. It is designed to augment the M2 .50 caliber machine gun, but can also be used to replace the M2 in select operational locations. Safety is improved through a manual safety and a quick change barrel that eliminates the requirement for the operator to adjust headspace and timing.

The weapon is ideal for light infantry and special operations forces, as well as for vehicles demanding more lethality but lighter weight.

"With the XM806 .50 cal, you're able to acquire targets quickly with it and engage effectively. Not a lot of wasting rounds to get on target. Smooth operation – doesn't kick, doesn't jump. It's an amazing weapons system."

– SSG Gregory Scott Pyrek

